

BATRACHIA AND REPTILIA OF ONONDAGA COUNTY.

HORACE W. BRITCHER.

BATRACHIA.

Order: *Proteida*.

Necturus maculatus, Rafinesque. Mud puppy. Has been found in Erie Canal and Onondaga Creek.

Order: *Urodela*. (Salamanders.)

Amblystoma punctatum, Linnaeus. Spotted salamander. Found in ponds and ditches as soon as the ice melts in the spring. Taken about Jamesville and Onondaga Valley. Reported from Tully.

Amblystoma tigrinum, Green. Tiger salamander. A specimen apparently this species was seen upon lifting a large stone near Jamesville, but it escaped into a hole before it could be secured.

Amblystoma jeffersonianum (var. *jeffersonianum*) Green. One specimen taken from Branchippus pond, on the Jamesville road.

Hemidactylium scutatum, Tschudi. Four toed salamander. One specimen taken in sphagnum moss in swamp on the Jamesville road.

Plethodon cinereus (var. *erythronota*) Green. Red-backed salamander. Beneath logs and stones. Marcellus, Onondaga Valley, Pompey, Jamesville, Onondaga Hill.

Plethodon cinereus (var. *cinereus*) Green. Found occasionally in similar places.

Plethodon glutinosus, Green. Viscid salamander. One specimen beneath stone, Onondaga reservation.

Gyrinophilus porphyriticus, Green. Purple salamander. Two immature specimens in swamp, Pompey Hill.

Spelerpes bilineatus Green. Striped-backed salamander. Beneath stones and logs in wet places. Pompey Hill, Onondaga Valley, Jamesville.

Spelerpes ruber, Daudin. Red triton. In mud at bottom of springs and brooks. Pompey Hill.

Desmognathus ocrophaea, Cope. One specimen, probably this species, beneath loose bark of hemlock log, Apulia.

Desmognathus fusca, Rafinesque. Dusky salamander. Beneath stones in brooks, etc. Pompey Hill, Onondaga Valley.

Diemyctilus viridescens, Rafinesque. Newt. Triton. Common in ponds. Syracuse, Jamesville, Pompey, Tully.

Diemyctilus viridescens (var. *miniatus*) Rafinesque. Red foot. In woods. Active after rains and in wet weather. Tully, Jamesville, Onondaga Valley, Manlius.

Order: *Salientia*. (Toads and frogs.)

Bufo lentiginosus, Shaw. Hop toad. Common everywhere.

Hyla versicolor, LeConte. Common tree toad. Long Branch, Branchippus pond.

Hyla pickeringii, Holbrook. Little tree toad. Pompey, Tully, Onondaga Valley, Branchippus pond.

Rana virescens (var. *virescens*) Kalm. Common frog. Common everywhere.

Rana palustris, LeConte. Pickerel frog. Less common than *virescens*.

Rana sylvatica, LeConte. Wood frog. In moist woods. Usually the first frog to deposit eggs in the spring. Possibly two varieties occur.

Rana clamata, Daudin. Green frog. In streams. Tully, Cicero, Jamesville.

Rana catesbianca, Shaw. Bull frog. Seneca River, Kirkville.

REPTILIA.

Order: *Ophidia*. (Serpents.)

Storeria occipitomaculata, Storer. Red-bellied snake. Common, but less so than the following.

Storeria dekayi, Holbrook. Little brown snake. Common.

Eutamia saurita, Linnaeus. Riband snake. Rather rare. One specimen taken at Long Branch.

Eutainia sirtalis, Linnaeus. Garter snake. Abundant, the varieties *ordinata*, Linnaeus; and *dorsalis*, Baird and Girard; and possibly *obscura*, Cope, being found.

Natrix fasciata sipedon, Linnaeus. Common water snake. Common. Seneca River, Kirkville, Tully.

Liopeltis vernalis, DeKay. "Green snake." Grass snake. Common. Syracuse, Pompey, Jamesville.

Zamenis constrictor, Linnaeus. Black snake. Jamesville, Kirkville, Manlius.

Diadophis punctatus, Linnaeus. Ring-necked snake. Rare. Near Oakwood, Dr. L.M. Underwood; at Tamarac Swamp, Dr. C. W. Hargitt.

Osceola doliata, (var. *triangulata*,) Boie. Milk snake. Spotted adder. Common. Pompey, Jamesville, Onondaga Valley.

Order: *Testudinata*. (Turtles.)

Chelydra serpentina, Linnaeus. Snapping turtle. Seneca River, DeWitt, Tully.

Chrysemys picta, Hermann. Mud turtle. Common. Tully, Otisco, Seneca River, DeWitt.

Chelopus guttatus, Schneider. Speckled tortoise. Rare? One specimen at White Lake, near Jamesville.

The localities given are those in which specimens have been taken and in no way limit the range of species.

The cave salamanders and the musk turtle have been found in nearby counties and may occur here. The ground snake, easily confounded with the red-bellied snake, and the striped water snake, closely resembling the common garter snake, should be sought for as well as also the following, with less probability, however, of success, the swamp tree toad, the wood tortoise and the brown lizard.